X-15984.ST25.txt
SEQUENCE LISTING

<110> Eli Lilly and Company

<120> GLP-1 Analog Fusion Proteins

<130> X-15984

<150> 60/477880
<151> 2003-06-12

<160> 21

<170> PatentIn version 3.3

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His Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Glu
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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Gly Gly
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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Lys Asn Gly Gly Gly
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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Lys Asn Gly Gly
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<223> Xaa at position 17 is Phe, Val, or Ala

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<223> Xaa at position 18 is Leu, Glu, or Ala

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<223> Xaa at position 80 is Asn or Ala

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<223> Xaa at position 230 is Lys or is absent

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<400> 7

Ala Glu Ser Lys Tyr Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro Xaa
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Xaa Xaa Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp
20 25 30

Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp
35 40 45

Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr Val Asp Gly
50 55 60

Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe Xaa
65 70 75 80

Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp
85 90 95

Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu Pro
100 105 110

Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu
115 120 125

Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln Glu Glu Met Thr Lys Asn
130 135 140

Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile
145 150 155 160

Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr
165 170 175

Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Arg
180 185 190

Leu Thr Val Asp Lys Ser Arg Trp Gln Glu Gly Asn Val Phe Ser Cys
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Ser Leu Ser Leu Gly Xaa
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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly Gly
20 25 30

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
35 40 45

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Glu Ser
50 55 60

Lys Tyr Gly Pro Pro Cys Pro
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1 5

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Trp Leu Val Lys Gly Gly Gly
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Trp Leu Lys Asn Gly Gly Gly
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<400> 14

Trp Leu Val Lys Gly Gly Pro
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<400> 15

Trp Leu Lys Asn Gly Gly Pro
1 5

<210> 16
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<400> 16

Trp Leu Val Lys Gly Gly
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Trp Leu Lys Asn Gly Gly
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<210> 18
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<400> 18

Pro Pro Cys Pro Ser Cys
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<210> 19
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<400> 19

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
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Ser Gly Gly Gly Gly Ser
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X-15984.ST25.txt

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